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cancel.*

flux short circuit preventive holes and that of said rotor core is assumed as "a" closer to the q-axis, and "b" closer to the d-axis, the ratio of "a" to "b" is about 1 to 3 or 1 to 4.

5. (Amended) A rotor with embedded permanent magnets according to Claim 4 characterized in that the permanent magnet embedded in said rotor core is a flat plate magnet.

6. (Amended) A rotor with embedded permanent magnets according to Claim 4 characterized in that the permanent magnet embedded in said rotor core is designed in a concave arch-shaped form with respect to the outer periphery of the rotor.

7. (Amended) A rotor with embedded permanent magnets according to Claim 4 characterized in that the permanent magnet embedded in said rotor core is designed in a convex arch-shaped form with respect to the outer periphery of the rotor.

8. (Amended) A rotor with embedded permanent magnets according to Claim 4 characterized in that the permanent magnet embedded in said rotor core is designed in a V shape in each magnetic pole.

9. (Amended) A rotor with embedded permanent magnets according to Claim 8 characterized in that a non-magnetic substance is inserted in said magnetic flux short circuit preventive hole.

Application No. Not Yet Assigned

Docket No. N9450.0032/P032

REMARKS

The specification and claims have been amended to put the application in better form for examination. Favorable action on the application is solicited.

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Respectfully submitted,

By 

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